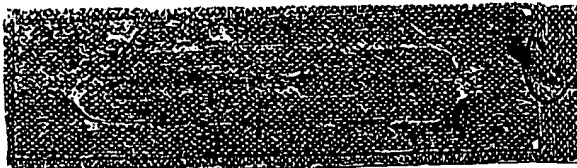


JC678 U.S. PTO  
09/436990  
11/03/93

386	109
Class	Subclass
ISSUE CLASSIFICATION	



PATENT NUMBER

# U.S. UTILITY PATENT APPLICATION

EG	O.I.P.E.	PATENT DATE
SCANNED <i>CK4 amw</i>		

SECTOR	CLASS <i>386</i>	SUBCLASS <i>109</i>	ART UNIT <i>2972</i>	EXAMINER <i>Chevalier</i> <i>Chen</i>
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FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

*348*  
*386*

*2615*  
*2616*

*cl 18*  
*cl 43*

## PREPARED AND APPROVED FOR ISSUE

### ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
<i>386</i>	<i>109</i>	<i>386</i>	<i>124</i>	<i>125</i>	
INTERNATIONAL CLASSIFICATION					
<i>H01M</i>	<i>7/26</i>				
<i>H01M</i>	<i>5/85</i>				

☐ Continued on Issue Slip Inside File Jacket

<input checked="" type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
	<i>12</i>	<i>18</i>	<i>8</i>	<i>21</i>	<i>1</i>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<i>Robert Chevalier</i> ROBERT CHEVALIER PRIMARY EXAMINER _____ (Primary Examiner) (Date)			<b>ISSUE FEE</b>	
				Amount Due	Date Paid
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			<b>ISSUE BATCH NUMBER</b>	

#### WARNING:

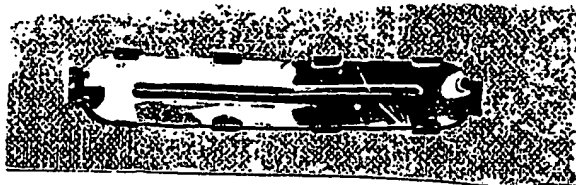
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## SEARCHED

Class	Sub.	Date	Exmr.
386	3, 111-112	7/7/03	FL
375	240.01 240.26		
370	473, 474 477		
updated	search	9/21/03	FL
updated	search	3/5/04	FL
updated	all of the above	search	
386	109 27 33 124 125 126 105 106 45 40 46		
HO4N	7/28 5/85	10/13/04	RC

## INTERFERENCE SEARCHED

Class	Sub.	Date	Exmr.
386	109 125 124	11/13/04	RC

## SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	Date	Exmr.
Thai Tran (2615)	3/7/03	FL
Richard Lee (2618)		
Chau Nguyen (2663)		
Search Consult		
East Search	8/21/03	FL
East Search	3/5/04	FL
Text search performed	11/13/04	RC